

Index

Numbers

2 O'Clock Spotlight lighting effect, collages, 251–252

3-D frames

Border Selection dialog box, 220

canvas sizing, 224

clipping masks, 222–223

Curves Adjustment layer, 222–223

Feather Selection dialog box, 221

feathering selections, 221

Layers palette, 221–224

QuickMasks, 220–221

A

active selections, hiding/displaying, 300, 331

Add Noise filter, background special effects, 317

Adjustment layer, foreground focus, 142–143

age wrinkles, image repairs 176–180

Airbrush tool, collages, 346–347

alignments, panorama frames, 56–57

alpha channel

collages, 344–345

deleting, 144

saving a mask as, 26

saving selection as, 138

Amount control, Unsharp Mask filter, 32

anti-alias

Magic Wand tool, 19

type edge uses, 238

B

Background Eraser tool, image extractions, 115–119

background layer, wood-grain image sharpening, 270

background-from-nothing, special effects, 317–321

backgrounds

Curves Adjustment layer, 143

Curves dialog box, 142–143

feathering selections, 137–138

foreground transition, 334–335

Gaussian Blur filter, 140

Gradient tool, 141–142

image adjustments, 51–53

image repairs, 173

landscape isolation, 324–332

layer masks, 140–141

logo placement, 320–321

Magic Wand tool selection, 276–277

neutral component benefits, 321

selections, 285

special effects, 317–321

backlit images, exposure adjustments, 79–84

backups, preference settings, 14

bevels

extreme landscape type effects, 339

metallics special effects, 309–310

Bicubic preference, resizing/resolution makeovers, 8

Bicubic Sharper preference, low bit-depth image adjustments, 8

Bicubic Smoother preference, low contrast image areas, 8

Bitmap dialog box

dithering b&w images, 214–215

grayscale to b&w conversion, 211

halftone pattern adjustments, 215

black-and-white images

dithering, 214–215

grayscale conversion, 211–216

halftone pattern adjustments, 215–216

posterization, 216

threshold adjustments, 212–214

blending, panoramas, 57

blooming, avoiding sharpening, 256, 258–259

Border Selection dialog box, 3-D frames, 220

borders

3-D frames, 220–224

hiding/displaying selection boundaries, 300

Bridge, 10

brightness

adjustment order guidelines, 78

color corrections, 100–102

curve adjustments, 17–18

exposure adjustments, 74–76

specular highlight adjustments, 67–69

brush tips, full size display, 12

Brush tool

backlit adjustments, 81–82

cloning techniques, 275–338

color painting, 198

configuration options, 29–30

QuickMask selection editing, 29–31

uses, 29

brushes

Background Eraser tool, 116–119

Healing Brush tool guidelines, 133

Brushes palette, brush presets, 30

C

- cache, level guidelines, 14
- Canvas Size dialog box
 - full-image drop shadows, 298
 - image adjustments, 51
 - image presentations, 226–227
 - 3-D frames, 224
- cast shadows, adding to an object, 291–295
- Channel Mixer, color to grayscale conversion, 191–193
- Channel-Mixing conversion, color to grayscale, 191–193
- channels
 - naming guidelines, 328
 - renaming, 298
- Channels palette
 - landscape effects, 325–330
 - selection techniques, 22–23
- Character/Paragraph palette, character spacing, 248
- chisel hard, metallics special effects, 310
- clipboards, export deselection, 8–9
- clipping masks
 - 3-D frames, 222–223
 - collages, 347
- Clone Stamp tool
 - scratch-removal, 171–172
 - wrinkle-removal, 177–180
- Clone tools, techniques, 135
- cloning, extreme effects, 336–338
- Cloud filter, photo effects, 299
- cloudy days, weather corrections, 150–156
- collages
 - adjustment layers, 347–348
 - Airbrush tool, 346–347
 - alpha channel removal, 357
 - clipping masks, 347
 - color fills, 248
 - color ranges, 343
 - deleting selections, 350
 - dimension/resolution checking, 341
 - drop shadows, 249, 356
 - Eraser tool, 247
 - fills, 352, 354–355
 - flattening, 357
 - foreground colors, 247–248
 - Gaussian Blur filter, 344
 - gradients, 345–346
 - groups, 348–349
 - image placements, 245–246
 - image sizing, 243, 341–342
 - Lasso tool selections, 244
 - layer masks, 346
 - layer styles, 356
 - lighting effects, 250–252
 - links, 348
 - loading selections, 349–350
 - Magic Wand tool, 351
 - omni lighting effect, 251
 - opening images, 243
 - Paintbrush tool, 346–347
 - pattern definitions, 354
 - Rectangular Marquee tool, 351
 - sharpening, 357
 - smart object groupings, 353
 - styles, 249
 - tonal range, 348
 - transform frames, 352–353
 - 2 O’Clock Spotlight lighting effect, 251–252
 - Vertical Type tool, 248–2149
- color blemish-removal
 - Healing Brush tool, 168–169
 - Spot Healing Brush tool, 169
- color cast
 - color corrections, 99–100
 - neutral adjustments, 106
- color channels, deselecting, 12
- color corrections
 - brightness adjustments, 100–102
 - color cast, 99–100
 - Color Sampler tool, 89–90
 - Eyedropper tool, 89
 - memory colors, 94–98
 - neutralization, 90–93, 103–108
 - skin tones, 95–98
- color modes, grayscale to color conversions, 194–196
- Color palette, background special effects, 318
- Color Picker dialog box
 - caution display, 305
 - glows special effects, 304
 - matching colors between images, 110–111
 - metallics special effects, 308–309
- Color Range dialog box
 - collages, 343
 - sampled color selections, 198–199
- Color Range tool, fuzziness adjustments, 22
- Color Sampler tool
 - color corrections, 89–90
 - faded image sampling, 161, 165–166
 - neutral adjustments, 104–105
 - neutral corrections, 90–93
 - skin tone corrections, 96
- color-modes
 - color to grayscale conversion, 186–193
 - Curve tool applications, 200–202
 - desaturation, 203–207

- duotones, 208–210
 - grayscale to black-and-white conversion, 211–216
 - painting images, 197–199
 - colors
 - blemish removal, 168–170
 - duotone selections, 209–210
 - foreground, 80
 - grayscale conversion, 186–193
 - guide/grid/slice display guidelines, 12
 - matching between images, 109–111
 - memory, 94–98
 - sampling, 299, 300
 - compositions
 - crooked images, 130–131
 - desaturating, 113
 - distraction removal, 132–135
 - emphasis adjustments, 128–129
 - filter stroke considerations, 313
 - foreground focus, 136–144
 - foreground/middleground/background relationships, 126
 - image extractions, 114–123
 - picture-within-a-picture, 124–129
 - shot planning, 113
 - silhouette-oriented image capture, 277
 - vignettes, 145–149
 - weather corrections, 150–156
 - contiguous selections, Magic Wand tool, 19
 - contours, metallics special effects, 309
 - contrast
 - adjustment order guidelines, 78
 - Channels palette adjustments, 22–23
 - curve adjustments, 17–18
 - darkening/decreasing, 77
 - darkening/increasing, 76
 - exposure adjustments, 70–73
 - conversions
 - Channel-Mixing, 191–193
 - color to grayscale, 186–193
 - Desaturate-mode, 190–191
 - grayscale to black-and-white, 211–216
 - Lab mode, 189–190
 - Single-RGB-Channel-mode, 187–188
 - creases
 - Gaussian Blur filter, 174
 - Healing Brush tool, 174–175
 - image repairs, 174–175
 - crooked images
 - Measure tool, 130
 - off-axis, 130
 - rotating, 131
 - Crop tool
 - area selections, 48–49
 - cropping panoramas, 59–60
 - image extraction uses, 115
 - picture-within-a-picture composition, 125–126, 127, 129
 - vignettes, 149
 - cropping, vignettes, 149
 - Curve tool, color applications, 200–202
 - Curves Adjustment layer
 - 3-D frames, 222–223
 - foreground focus, 143
 - Curves dialog box
 - backlit adjustments, 82–83
 - brightness/contrast adjustments, 17–18
 - contrast adjustments, 71–72
 - darkening/decreasing contrast, 77
 - darkening/increasing contrast, 76
 - destructive adjustments, 78
 - faded image adjustments, 166–167
 - foreground focus, 142–143
 - image extractions, 122
 - neutral adjustments, 105–108
 - neutral corrections, 91–93
 - skin tone corrections, 96–98
 - specular highlight adjustments, 68–69
 - 3-D frame borders, 222
 - weather corrections, 155
 - curves, shape applications, 73
 - Cylindrical Mapping Perspective, panoramas, 57–58
- ## D
- Defringe dialog box
 - cast shadows, 292
 - fine-tuning object shadows, 287
 - Delete key, deleting selected pixels, 151
 - depth of field, foreground focus corrections, 136–144
 - Desaturate-mode conversion, color to grayscale, 190–191
 - desaturation
 - composition correction, 113
 - image techniques, 203–207
 - diffuse highlights, adjustments, 64–66
 - digital cameras
 - composition planning, 113
 - digitizing process, 256
 - shot setup w/crop considerations, 128
 - dimensions
 - collage image issues, 341
 - versus image size, 38
 - Display & Cursor preferences, Preferences dialog box, 12
 - distortions, image adjustments, 45–47
 - distraction removal
 - Eyedropper tool, 132–133
 - Healing Brush tool, 133–134
 - dithering, black-and-white image adjustments, 214–215

- drop shadows
 - collages, 249, 356
 - extreme landscape type effects, 339
 - full-image, 288–290
 - image presentations, 227–229, 235
 - Layer Style dialog box, 282
 - photo effects, 302–302
- Duotone Curve dialog box, color graphs, 210
- Duotone Options dialog box, ink fields, 209–210
- duotones
 - EPS file format, 210
 - inks, 208
 - printing, 208
 - substitutions, 208
 - tonal range enhancement, 208
 - uses, 208

E

- edges, feathering, 298
- effects
 - backgrounds, 317–321
 - glows, 303–306
 - metallics, 307–311
 - paintings, 312–316
- element additions
 - collages (montages), 243–252
 - image presentations, 225–236
 - logos, 237–242
 - 3-D frames, 220–224
- Elliptical Marquee tool
 - spot-shadows, 283–284
 - vignette selections, 145–146
- emboss
 - extreme landscape type effects, 339
 - metallics special effects, 309–310
- emphasis, picture-within-a-picture adjustments, 128–129
- EPS file format, duotones, 210
- Eraser tool
 - collage edges, 247
 - image presentations, 230
- Expand Selection dialog box, distortion adjustments, 47
- exposures
 - backlit images, 79–84
 - brightness adjustments, 74–76
 - contrast adjustments, 70–73
 - darkening/decreasing contrast, 77
 - darkening/increasing contrast, 76
 - diffuse highlights, 64–66
 - specular highlights, 65, 67–69
- Extraction filter, image extractions, 114
- extractions, composition makeover, 114–123

- extreme effects
 - cloning techniques, 336–338
 - collages, 341–357
 - landscapes, 324–340
 - type styles 338–340
- Eyedropper tool
 - brightness adjustments, 74–75
 - color corrections, 89
 - color sampling, 197
 - contrast adjustments, 70–71
 - distraction removal, 132–133
 - extreme type effects, 338–339
 - faded image measurements, 160–161
 - focus sharpening, 259
 - grayscale value measurements, 64–65
 - neutral adjustments, 103–104
 - photo effects sampling, 299, 300
 - skin tone corrections, 95–96
 - specular highlight adjustments, 67
 - vignettes, 148–149

F

- faces, wrinkle-removal, 176–180
- Fade Unsharp Mask dialog box, portrait sharpening, 264
- faded images
 - Color Sampler tool, 161, 165–166
 - Curves dialog box, 166–167
 - Eyedropper tool, 160–161
 - Levels dialog box, 161–165
 - neutral corrections, 167
 - skin tone adjustments, 164–167
- Feather dialog box
 - photo effects, 298
 - selection edge feathering, 25
- Feather Selection dialog box
 - painting grayscale images, 196
 - 3-D frame borders, 221
 - vignette adjustments, 147
- feathered selections
 - foreground focus, 137–138
 - saving, 138
- file extensions
 - forcing, 11
 - lowercase characters, 11
- File Handling preferences, Preferences dialog box, 11
- file swapping, scratch disks, 13
- Fill dialog box
 - background special effects, 318
 - collages, 352, 354–355
 - disabling Preserve Transparency, 279
 - fine-tuning object shadows, 286

- full-image drop shadows, 289
 - image presentations, 226, 228
 - spot-shadows, 284
 - vignettes, 147–148
 - fills
 - collages, 248, 352, 354–355
 - image presentations, 226, 228
 - Filter Gallery
 - artistic effects, 312–316
 - Sprayed Strokes filter, 313
 - filters
 - Add Noise, 317
 - Cloud, 299
 - Extraction, 114
 - Gaussian Blur, 27, 140, 174, 182, 205–206, 229–230, 280, 290, 295, 329, 344
 - Grain, 314–315
 - Smart Sharpen, 260–261
 - Sprayed Strokes, 313, 315
 - stroke considerations, 313
 - Unsharp Mask, 32–33, 143, 182, 207, 257–260, 262–264, 266–268, 270–273, 357
 - focus
 - foreground adjustments, 136–144
 - sharpening techniques, 256–261
 - fonts
 - collages, 248–249, 355–356
 - extreme type effects, 338–340
 - glows special effects, 303–304
 - image presentation titles, 231–236
 - logos, 237–238
 - photo effects, 301
 - foreground colors, backlit adjustments, 80
 - foregrounds
 - Adjustment layer, 142–143
 - background transition, 334–335
 - cloning techniques, 336–338
 - collages, 247–248
 - Curves Adjustment layer, 143
 - Curves dialog box, 142–143
 - feathering selections, 137–138
 - flattening layers, 144
 - focus adjustments, 136–144
 - Gaussian Blur filter, 140
 - Gradient tool, 141–142
 - inversing selections, 137
 - landscape isolation, 332–333
 - Lasso tool selections, 136–137
 - layer masks, 140–141
 - Load Selection dialog box, 139, 142, 143
 - New Layer dialog box, 138–139
 - QuickMasks, 137–138
 - Save Selection dialog box, 138
 - Unsharp Mask filter, 143
 - frames
 - 3-D, 220–224
 - panorama alignments, 56–57
 - Frazier, Neil, guest makeover, 358–361
 - Free Transform dialog box, resizing transformations, 154
- ## G
- Gaussian Blur filter
 - adding shadow to an object, 280
 - blurring a mask, 27
 - cast shadows, 295
 - collages, 344
 - crease repair, 174
 - desaturating images, 205–206
 - foreground focus, 140
 - full-image drop shadows, 290
 - image presentations, 229–230
 - landscape effects, 329
 - posterization adjustments, 182
 - General preferences, Preferences dialog box, 8–10
 - glows, special effects, 303–306
 - Gradient Editor dialog box, metallics special effects, 307–308
 - gradient overlays, metallics special effects, 307
 - Gradient Picker, white to black gradient, 141
 - Gradient tool
 - background special effects, 319–320
 - cast shadows, 294
 - collages, 345–346
 - desaturating images, 206–207
 - foreground focus, 141–142
 - foreground/background transitions, 334–335
 - gradients
 - desaturating images, 206–207
 - foreground focus, 141–142
 - metallics special effects, 307–308
 - Grain filter, painting special effects, 314–315
 - grayscale images
 - black-and-white conversion, 211–216
 - Channel-Mixing conversion, 191–193
 - color conversions, 186–196
 - colorizing, 194–196
 - default-mode conversion, 186
 - Desaturate-mode conversions, 190–191
 - desaturation techniques, 205
 - duotones, 208–210
 - History Brush tool, 195–196
 - Lab mode conversion, 189–190
 - Lasso tool, 196

grayscale images (*continued*)

line art sharpening techniques, 265–268

Magic Wand tool, 196

Single-RGB-Channel-mode conversion, 187–188

grayscale values

deselecting color channels, 12

Eyedropper tool measurements, 64–65

Info palette display, 64

grids, color guidelines, 12

groups, collages, 348–349

Grow tool, expanding Magic Wand tool selections, 21

guides, color guidelines, 12

Guides, Grid & Slices preferences, Preferences dialog box, 12

H

halftone patterns, black-and-white image adjustments, 215–216

Halftone Screen dialog box, halftone pattern adjustments, 216

haloing, avoid sharpening, 258

Hand tool, image extractions, 118–119

hard disks

scratch disk size guidelines, 13

VM volume selections, 13

Healing Brush tool

color blemish-removal, 168–169

crease repair, 174–175

distraction removal, 133–134

wrinkle-removal, 177, 179

height

Crop tool selections, 48

image adjustments, 40–47

herringbone pattern, metallics special effects, 310

highlights

diffuse adjustments, 64–66

linear dodge, 310

specular, 65, 67–69

histograms

described, 7

diffuse highlights, 65–66

hidden, 325

image evaluations, 15–16

History Brush tool, painting grayscale images, 195–196

Horizontal Type tool

collage type, 355–356

extreme landscape type effects, 339

glows special effects, 303–304

logos, 237–238

image dimension, defined, 38

image extractions

Background Eraser tool, 115–119

composition makeover, 114–123

Curves dialog box, 122

edge techniques, 117

Magnetic Lasso tool, 121

Move tool, 120–121

Rectangular Marquee tool, 119–120

image previews, ask when saving, 11

image repairs

assessment guidelines, 159

background-repair, 173

color blemish-removal, 168–170

creases, 174–175

faded-images, 160–167

JPEG posterization, 181–183

scratch-removal, 171–172

wrinkle-removal, 176–180

image size, defined, 38

Image Size dialog box

collage dimensions, 341–342

collage images, 243

deactivating/activating image resample, 40–41

dimension editing, 40–45

height/width distortions, 45

image dimension, 38

image size, 38

linear resolution, 38

size value display, 39–40

image window, zoom preferences, 9

images

adding a shadow to, 276–284

attribute adjustments, 15–16

background adjustments, 51–53

backlit adjustments, 79–84

brightness/contrast adjustments, 17–18

canvas size adjustments, 51

color matching between, 109–111

color painting, 197–199

crooked, 130–131

cropping, 48–50, 115

desaturation techniques, 203–207

dimensions versus size, 38

distortion adjustments, 45–47

distraction removal, 132–135

duotones, 208–210

duplicating before editing, 39, 298

edge feathering, 298

flattening, 144

- histogram evaluations, 15–16
- interpolation, 8–9, 256
- line-art, 8
- low contrast, 8
- low-bit depth, 8
- multiplied layer enhancements, 34
- off-axis, 130–131
- opening, 39
- oversharpening, 33
- panoramas, 54–60
- presentations, 225–236
- print-oriented preferences, 11
- quality levels, 8–10
- rotating crooked, 131
- saving previews, 11
- selecting entire, 220
- vignettes, 145–149
- Web-bound images, 11
- width/height adjustments, 40–47
- zoom preferences, 9
- Info palette
 - color value, 88
 - grayscale value, 64
- ink fields, Duotone Options dialog box, 209–210
- inks, duotone printing, 208
- inner glows, special effects, 305–306
- interpolation
 - Bicubic preferences, 8
 - described, 256
 - image resampling, 9

J

- JPEG format, posterization removal, 181–183

L

- Lab mode conversion, color to grayscale, 189–190
- landscapes
 - background isolation, 324–332
 - foreground isolation, 332–333
 - foreground/background transitions, 334–335
 - type effects, 338–340
- Lasso tool
 - collage selections, 244
 - painting grayscale images, 196
 - selections, 136–137, 152–153
- layer masks
 - collages, 346
 - foreground focus, 140–141
- layer sampling, Magic Wand tool, 19

- Layer Style dialog box
 - bevel and emboss, 309–310
 - chisel hard effect, 310
 - glows special effects, 304–305
 - gradient overlays, 307–309
 - image presentations, 230–231
 - linear dodge, 310
 - object shadows, 281–283
 - shading, 310
 - textures, 310
- layer styles
 - collages, 356
 - photo effects, 301–302
- layered TIFF files, ask before saving, 11
- layers
 - active, 122
 - adding, 34
 - copying, 300
 - creating, 139, 278
 - duplicating, 269, 306
 - flattening, 144
 - grouping, 348–349
 - multiplied, 34
 - Multiply blending mode, 300
 - naming, 138–139, 278, 328
 - renaming, 122
 - selecting, 139
- Layers palette
 - active layer, 122
 - cast shadows, 292–295
 - collages, 342–351
 - duplicating layers, 269, 306
 - fine-tuning object shadows, 286
 - full-image drop shadows, 289
 - landscape effects, 331–333
 - layer naming, 300
 - moving shadows, 279
 - multiplied layers, 34
 - new layer addition, 34
 - renaming layers, 122
 - 3-D frame borders, 221–224
 - wood-grain image sharpening, 270
- Levels Adjustment layer, collages, 347
- Levels dialog box
 - brightness adjustments, 75–76, 100–102
 - color cast adjustments, 99–100
 - contrast adjustments, 70–71
 - destructive adjustments, 78
 - diffuse highlights, 65–66
 - faded image adjustments, 161–165
 - image attribute adjustments, 15–16

- Levels dialog box (*continued*)
 - landscape effects, 330, 333
 - line art sharpening, 265–266
 - matching colors between images, 110–111
 - picture-within-a-picture composition, 126
 - specular highlight adjustments, 68
- Levels palette, collages, 342–343
- lighting effects, collages, 250–252
- Lighting Effects dialog box, collages, 252
- Limit menu, Background Eraser tool, 115
- line art, sharpening techniques, 265–268
- linear dodge, metallics special effects, 310
- linear resolution
 - collage image issues, 341
 - defined, 38
- line-art images, Nearest Neighbor and Bilinear
 - adjustments, 8
- lines
 - crooked images, 130–131
 - vector objects, 240
- links, collages, 348
- Load Selection dialog box
 - adding selections, 152–153
 - landscape effects, 330, 332–333
 - loading a mask, 27–28
 - loading selections, 139, 142, 143, 154–155, 278–279
- logos
 - element additions, 237–242
 - placing on a background, 320–321
 - proportionally resizing, 321
 - vector objects, 240
- lossy compression, JPEG format, 181
- low bit-depth images, Bicubic Sharper adjustments, 8
- low contrast images, Bicubic Smoother adjustments, 8
- lowercase characters, file extensions, 11

M

- Magic Wand tool
 - background adjustments, 52–53
 - background selection, 276–277, 285
 - cast shadows, 291
 - collages, 351
 - distortion adjustments, 46–47
 - expanding selections, 21
 - landscape effects, 325–326
 - painting grayscale images, 196
 - photo effects selections, 298
 - selection techniques, 19–20, 150–152
- Magnetic Lasso tool
 - desaturating images, 203–204
 - image extractions, 121
- Marquee tool
 - cloning techniques, 338
 - landscape effects, 326–327
- masks
 - blurring/loading, 27
 - Brush tool editing techniques, 29–31
 - saving as alpha channel, 26
 - Unsharp Mask filter adjustments, 32–33
- Match Color tool, matching colors between images, 109
- Measure tool, crooked image adjustments, 130
- Memory & Cache preferences, Preferences dialog box, 14
- memory (RAM)
 - Bridge use concerns, 10
 - cache level guidelines, 14
 - maximum use settings, 14
- memory colors, color corrections, 94–98
- metallics, special effects, 307–311
- montages
 - adjustment layers, 347–348
 - Airbrush tool, 346–347
 - alpha channel removal, 357
 - clipping masks, 347
 - color fills, 248
 - color ranges, 343
 - deleting selections, 350
 - dimension/resolution checking, 341
 - drop shadows, 249, 356
 - Eraser tool, 247
 - fills, 352, 354–355
 - flattening, 357
 - foreground colors, 247–248
 - Gaussian Blur filter, 344
 - gradients, 345–346
 - groups, 348–349
 - image placements, 245–246
 - image sizing, 243, 341–342
 - Lasso tool selections, 244
 - layer masks, 346
 - layer styles, 356
 - lighting effects, 250–252
 - links, 348
 - loading selections, 349–350
 - Magic Wand tool, 351
 - omni lighting effect, 251
 - opening images, 243
 - Paintbrush tool, 346–347
 - pattern definitions, 354
 - Rectangular Marquee tool, 351
 - sharpening, 357
 - smart object groupings, 353
 - styles, 249
 - tonal range, 348

- transform frames, 352–353
- 2 O’Clock Spotlight lighting effect, 251–252
- Vertical Type tool, 248–2149
- Move tool
 - cast shadows, 292
 - collage image placement, 245–246
 - full-image drop shadows, 290
 - image extractions, 120–121
 - image presentation titles, 234
 - repositioning text, 301
 - shadow positioning, 279
- multiplied layers, image enhancements, 34
- Multiply blending mode, photo effects, 300

N

- nationality, skin tone considerations, 165
- Nearest Neighbor and Bilinear preference, line-art images, 8
- neutralization
 - color corrections, 90–93, 103–108
 - faded images, 167
- New Layer dialog box
 - creating layers, 139
 - naming layers, 138–139

O

- objects
 - adding a shadow to, 276–284
 - cast shadows, 291–295
 - drop shadows, 281–283
 - spot-shadows, 283–284
- off-axis, crooked images, 130–131
- omni lighting effect, collages, 251
- outer glows, special effects, 304–305
- oxygen exposure, faded-image repairs, 160–167

P

- Paintbrush tool, collages, 346–347
- painting
 - colors, 197–199
 - grayscale images, 194–196
 - special effects, 312–316
- palettes, location saving, 9
- panoramas
 - blending, 57
 - cropping, 59–60
 - frame alignments, 56–57
 - image organization, 54–55
 - perspective adjustments, 57–58
 - Photomerge tool, 55–58
 - saving/exporting, 58–59
 - shot consistency importance, 54
 - stitching multiple images, 54–60
 - tripod advantages, 54
 - zoom adjustments, 56
- parallel lines, crooked images, 130–131
- partitions
 - scratch disk size guidelines, 13
 - VM volume selections, 13
- patterns, collage definitions, 354
- perspective, panorama adjustments, 57–58
- photo effects
 - Cloud filter, 299
 - color sampling, 299, 300
 - copying layers, 300
 - drop shadows, 301–302
 - edge feathering, 298
 - Eyedropper tool, 299, 300
 - hiding/displaying selection borders, 300
 - layer styles, 301–302
 - Magic Wand tool, 298
 - Multiply blending mode, 300
 - naming layers, 300
 - QuickMask views, 298
 - renaming channels, 298
 - repositioning text, 301
 - saving selections, 298–299
 - Type tool, 301
 - warp text, 302
- Photomerge tool, panoramas, 55–58
- picture-within-a-picture
 - Crop tool, 125–127, 129
 - emphasis adjustments, 128–129
 - Levels dialog box, 126
- pixel doubling, speed enhancement, 12
- pixels
 - deleting selected, 151
 - interpolation process, 256
- Place dialog box, placing a logo on a background, 320–321
- Plug-ins & Scratch Disks preferences, Preferences dialog box, 13
- Polygonal Lasso tool, 151
- portraits
 - oversharpening, 263
 - sharpening techniques, 262–264
- posterization
 - black-and-white images, 216
 - JPEG format repair, 181–183
- Posterize dialog box, black-and-white image adjustments, 216

- Preferences dialog box
 - copying existing settings, 14
 - Display & Cursor preferences, 12
 - File Handling preferences, 11
 - General preferences, 8–10
 - Guides, Grid & Slices preferences, 12
 - Memory & Cache preferences, 14
 - Plug-ins & Scratch Disks preferences, 13
 - updating selections, 12
- presentations
 - canvas sizing, 226–227
 - drop shadows, 227–229, 235
 - fills, 226
 - Gaussian Blur filter, 229–230
 - layer styles, 230–231
 - titles, 231–236
- Preserve Transparency, Fill Dialog box, 279
- printing, duotones, 208
- print-oriented images
 - preference guidelines, 11
 - Web-bound image adjustments, 43–47
- Proximity Match control, Spot Healing Brush tool, 169–170

Q

- QuickMasks
 - backlit adjustments, 79–81
 - Brush tool editing techniques, 29–31
 - feathering selections, 137–138
 - selection edge feathering, 25, 146
 - selection views, 24–25
 - selection zooms, 25
 - 3-D frame borders, 220–221
 - viewing selections, 278
 - viewing transitions, 298

R

- Radius control, Unsharp Mask filter, 32
- RAM (memory)
 - Bridge use concerns, 10
 - cache level guidelines, 14
 - maximum use settings, 14
- Rectangular Marquee tool
 - background special effects, 318–319
 - collage selections, 351
 - image extractions, 119–120
- resolutions
 - collage image issues, 341
 - pixel doubling, 12
- RGB mode, line art sharpening techniques, 265–268

- Rotate Canvas dialog box, rotating crooked images, 131
- Rubber Stamp tool, cloning techniques, 336–337
- rulers, background special effects, 318

S

- Sampling: Background Swatch control, Background Eraser tool, 115
- Sampling: Continuous control, Background Eraser tool, 115, 116, 119
- Sampling: Once control, Background Eraser tool, 115, 118
- Save Selection dialog box
 - landscape effects, 327–328
 - saving mask as alpha channel, 26
 - saving selections, 138, 151, 153, 278, 198–299
- scales, Vertical Ruler, 234
- scratch disks, 13
- scratch-removal, Clone Stamp tool, 171–172
- selections
 - abrupt edge, 23
 - adding selections to, 152–153
 - background adjustments, 52–53
 - backgrounds, 285
 - Brush tool editing techniques, 29–31
 - Channels palette, 22–23
 - collages, 349–350
 - Crop tool, 48–49
 - deleting, 350
 - deleting selected pixels, 151
 - distortion adjustments, 46–47
 - edge feathering, 25
 - Elliptical Marquee tool, 283–284
 - entire image, 220
 - expanding, 21
 - feathering, 137–138, 146–147
 - gradational edges, 23
 - hiding/displaying active, 331
 - hiding/displaying borders, 300
 - inverting, 137, 147, 277, 285
 - Lasso tool, 136–137, 152–153, 244
 - loading, 27–28, 139, 142, 143, 154–155, 278–279
 - Magic Wand tool, 19–20, 150–152, 276–277, 298
 - Magnetic Lasso tool, 121
 - Polygonal Lasso tool, 151
 - QuickMask views, 24–25
 - Rectangular Marquee tool, 119–120
 - saving, 26, 151, 153, 278, 298–299
 - saving as an alpha channel, 138
 - straight-line, 151
 - undoing, 21
 - Unsharp Mask filter adjustments, 32–33

- updating preferences, 12
- vignettes, 145–146
- shading, metallics special effects, 310
- shadows
 - adding to an image, 276–284
 - cast shadows, 291–295
 - drop shadows, 281–283
 - fine-tuning, 285–287
 - full-image drop shadows, 288–290
 - spot-shadows, 283–284
 - testing, 285–287
- shapes, curve applications, 73
- sharpening, collages, 357
- sharpening tools
 - blooming effect, 256, 258–259
 - focus corrections, 256–261
 - haloing effect, 258–259
 - image transformations, 255
 - line art adjustments, 265–268
 - portrait adjustments, 262–264
 - previewing results, 257–258
 - Smart Sharpen filter, 260–261
 - Unsharp Mask filter, 257–260, 262–264, 266–268, 270–273
 - wood-grain adjustments, 269–273
- Shift key
 - deselecting for tool switch, 10
 - expanding Magic Wand tool selections, 21
 - moving images, 316
- Single-RGB-Channel-mode conversion, color to grayscale, 187–188
- skin tones
 - faded image adjustments, 164–167
 - memory color corrections, 94–98
 - nationality considerations, 165
- slices, color guidelines, 12
- smart object groups, collages, 353
- Smart Sharpen filter, focus sharpening techniques, 260–261
- specular highlights
 - brightness adjustments, 67–69
 - detail preservation, 65
- Spot Healing Brush tool, color blemish-removal, 169
- Sprayed Strokes filter, painting special effects, 313, 315
- Straight Line measuring tool, crooked images, 131
- straight-line selections, Polygonal Lasso tool, 151
- styles, collages, 249
- substitutions, duotones, 208
- sunlight, faded-image repairs, 160–167

T

- text
 - repositioning, 301
 - warp text, 302

- textures, metallics special effects, 310
- 3-D frames
 - Border Selection dialog box, 220
 - canvas sizing, 224
 - clipping masks, 222–223
 - Curves Adjustment layer, 222–223
 - Feather Selection dialog box, 221
 - feathering selections, 221
 - Layers palette, 221–224
 - QuickMasks, 220–221
- Threshold control, Unsharp Mask filter, 32
- Threshold dialog box, black-and-white image adjustments, 212–214
- titles, image presentations, 231–236
- Tolerance control, Background Eraser tool, 115, 116, 118–119
- tolerance selections, Magic Wand tool, 19, 21
- tonal range
 - collages, 348
 - duotone enhancement, 208
- transformations
 - cast shadows, 292–293
 - collages, 352–353
 - resizing, 154
- transitions
 - edge feathering, 298
 - landscape foreground/background, 334–335
 - viewing, 298
- tripods, panorama uses, 54
- 2 O’Clock Spotlight lighting effect, collages, 251–252
- type styles
 - collages, 355–356
 - extreme effects, 338–340
- Type tool
 - collages, 356
 - image presentation titles, 231
 - photo effects, 301
 - type edges, 238
 - warp text, 302

U

- Unsharp Mask filter
 - collages, 357
 - desaturating images, 207
 - focus sharpening techniques, 257–260
 - foreground focus, 143
 - line art sharpening, 266–268
 - portrait sharpening techniques, 262–264
 - posterization adjustments, 182–183
 - previewing results, 257–258
 - selection sharpening, 32–33
 - wood-grain image sharpening, 270–273

V

- vector logos, described, 240
- Vertical Ruler scale, image presentation titles, 234
- Vertical Type tool
 - collages, 248–249
 - image presentation titles, 231–233
- vignettes
 - Crop tool, 149
 - Elliptical Marquee tool selections, 145–146
 - Eyedropper tool, 148–149
 - Feather Selection dialog box, 147
 - Fill dialog box, 147–148
 - inverting selections, 147

W

- Warp Text dialog box, photo effects, 302
- weather corrections
 - Curves dialog box, 155
 - deleting selected pixels, 151
 - Free Transform dialog box, 154
 - Lasso tool selections, 152–153

- Load Selection dialog box, 152–155
- Magic Wand tool selections, 150–152
- Polygonal Lasso tool, 151
- resizing transformations, 154
- Save Selection dialog box, 151, 153
- Web-bound images
 - preference guidelines, 11
 - print-oriented image adjustments, 43–47
- width
 - Crop tool selections, 48
 - image adjustments, 40–47
- wood-grain images, sharpening techniques, 269–273
- wrinkle-removal
 - Clone Stamp tool, 177–180
 - Healing Brush tool, 177, 179

Z

- zoom
 - image/image window preferences, 9
 - object view advantages, 311
 - panorama adjustments, 56
 - QuickMask selections, 25

